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CLEAN COPY OF AMENDED CLAIMS

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- A1
1. [AMENDED] A method for the treatment and prophylaxis of conditions of aging associated with a decreased presence of cell-specific carbonic anhydrase enzymes in the brain, said conditions comprising conditions associated with chronic neurodegenerative conditions including dementia and Alzheimer's disease, which method comprises the administering over an extended period of time in the range of six months to five years, of a pharmaceutically effective, non-toxic amount of a non-enzyme compound that increases the presence of said cell-specific carbonic anhydrase enzymes in the brain.
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- A2
10. [AMENDED] The method of claim 5 wherein said compound is selected from the list composed of: sulfonylamido derivatives of histamine; 1,25-dihydroxyvitamin D3; phorbol myristate acetate; non-steroidal anti-inflammatory drugs, including indomethacin; sex hormones; androgens; zinc; and cysteamine.
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